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Form PTO 1449

ATTY DOCKET NO. 32-95D

SERIAL NO. 09/911,569

FILING DATE July 23, 2001

APPLICANT Hawley-Nelson et al.

GROUP 163 1636

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JD	5,795,587	08/18/98	Gao et al.	424	450	
	4,946,787	08/07/90	Eppstein et al.			
	5,736,392	04/07/98	Hawley-Nelson et al.			
	5,714,166	02/03/98	Tomalia et al.			
	5,166,320	11/24/92	Wu et al.	530	395	
	5,354,844	10/11/94	Beug et al.	530	345	
	5,574,142	11/12/96	Meyer, Jr. et al.	536	23.1	
	5,589,392	12/31/96	Short	435	320.1	
	5,266,106	11/30/93	Winnik et al.	106	22K	
	5,338,532	08/16/94	Tomalia et al.	424	149	
	5,527,524	06/18/96	Tomalia et al.	424	1.33	
	5,578,475	11/26/96	Lessee	435	172.5	
	5,587,441	12/24/96	Frechet et al.	526	238	
	5,587,446	12/24/96	Frechet et al.	526	3.33	
	5,560,929	10/01/96	Hedstrand et al.	424	486	
	5,334,761	08/02/94	Gebeyehu et al.	564	197	
	5,674,908	10/07/97	Haces et al.	574	642	
	5,532,142	07/02/96	Johnston et al.	435	69	
	5,198,423	03/30/93	Taguchi et al.	514	12	
JD	4,897,355	01/30/90	Eppstein et al.	435	240.2	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
JD	WO 91/15501	17.10.91	PCT	C07H 21/02	C12N 5/00	
JD	WOA91/16024	31.10.91	PCT			

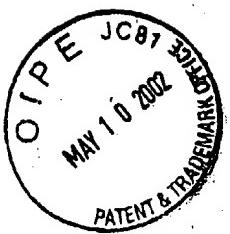
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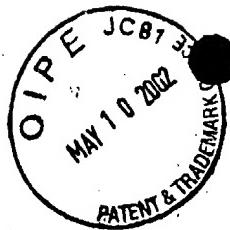
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JD	3	WO92/13570	20.08.92	PCT			No
JD	4	WO93/07282	04.15.93	PCT			
JD	5	WO93/07283	04.15.93	PCT			
JD	6	WO93/19768	14.10.93	PCT			
JD	7	WO94/04696	03.03.94	PCT			
JD	8	WO94/23751	27.10.94	PCT			No
JD	9	WO95/02397	26.01.95	PCT			
JD	10	WO95/17373	29.06.95	PCT			
JD	11	WO95/24221	14.09.95	PCT			
JD	12	WO95/31557	23.11.95	PCT			
JD	13	WO96/01841	25.01.96	PCT			
JD	14	WO96/05218	22.02.96	PCT			
JD	15	WO96/10038	04.04.96	PCT			
JD	16	WO96/22321	25.07.96	PCT			
JD	17	WO96/22765	01.08.96	PCT			
JD	18	WO96/31549	10.10.96	PCT			No
JD	19	0 304 111 B1	30.07.88	EP			No
JD	20	0 359 347	21.03.90	EP			
JD	21	0 544 292	26.11.92	EP			
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JD	25	Bielinska, A. et al. (1996), "Regulation of <i>in vivo</i> gene expression using antisense oligonucleotides or antisense expression plasmids transfected using starburst PAMAM dendrimers," Nucl. Acids Res. 24(11):2176-2182

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<i>JD</i>	<i>28</i>	Bonifaci, N. et al. (1995), "Nuclear translocation of an exogenous fusion protein containing HIV Tat requires unfolding," AIDS 9(9):995-1000
<i>JD</i>	<i>29</i>	Braunlin et al., "Equilibrium dialysis studies of polyamine binding to DNA," Biopolymers 21:1301-1314
<i>JD</i>	<i>28</i>	Carrasco, L. et al. (1982), "Modification of Membrane Permeability in Vaccinia Virus-Infected Cells," J. Virol. 117:62-69.
<i>JD</i>	<i>29</i>	Ciccarone et al. (1993), "Cationic Liposome-Mediated Transfection of Eukaryotic Cells: High Efficiency Nucleic Acid Delivery with Lipofectin, Lipofectace™, and Lipofectamine™ Reagents," FASEB J., Abstracts, 7(7):A1131, Abstract No. 454
<i>JD</i>	<i>30</i>	Ciccarone et al., "DMRIE-C reagent for transfection of suspension cells and for RNA transfections," Focus 17:84-87
<i>JD</i>	<i>31</i>	Cotton et al. (1992), "High-efficiency receptor-mediated delivery of small and large 48 kilobase gene constructs using the endosome-disruption activity of defective or chemically inactivated adenovirus particles," Proc. Natl. Acad. Sci. USA 89:6094-6098
<i>JD</i>	<i>32</i>	Curiel, D.T. et al. (1992), "High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes," Hum. Gene Therapy, 3:147-154
<i>JD</i>	<i>33</i>	Curiel, D.T. et al. (1991), "Adenovirus enhancement of transferrin-polylysine-mediated gene delivery," Proc. Natl. Acad. Sci. USA 88:8850-8854
<i>JD</i>	<i>34</i>	Dayhoff, M.O. et al. (1978), "Model of Evolutionary Change in Proteins," in <u>Atlas of Protein Sequence and Structure</u> , Vol. 5, Supp. 3, Chapter 22, pp. 345-352
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<i>JD</i>	<i>36</i>	DeRobertis et al. (1978), "Intracellular migration of nuclear proteins in Xenopus oocytes," Nature 272:254-256
<i>JD</i>	<i>37</i>	Dingwall, C. and Laskey, R.A. (1991), "Nuclear targeting sequences - a consensus?" TIBS 16:478-481
<i>JD</i>	<i>38</i>	Epaard et al. (1992), "Peptide models for the membrane destabilizing actions of viral fusion proteins," Biopolymers 32:309-314
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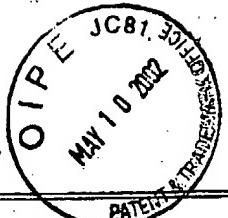
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JD	41	Felgner, P.L. and Ringold, G.M. (1989), "Cationic liposome-mediated transfection," Nature 337:387-388
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JD	44	Frankel, A.D. et al. (1989), "Activity of synthetic peptides from the Tat protein of human immunodeficiency virus type 1," Proc. Natl. Acad. Sci. USA 86:7397-7401
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JD	47	Gardner, J.M. and Hynes, R.O. (1985), "Interaction of Fibronectin with Its Receptor on Platelets," Cell 42:439-448.
JD	48	Gould-Fogerite, S. et al. (1989), "Chimerasome-mediated gene transfer in vitro and in vivo," Gene 84:429-438
JD	49	Grant, D.S. et al. (1989), "Two Different Laminin Domains Mediate the Differentiation of Human Endothelial Cells into Capillary-like Structures In Vitro," Cell 58:933-943.
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JD	54	Humphries, M.J. et al. (1986), "Identification of an Alternatively Spliced Site in Human Plasma Fibronectin That Mediates Cell Type-specific Adhesion," J. Cell Biol. 103:2637-2647.

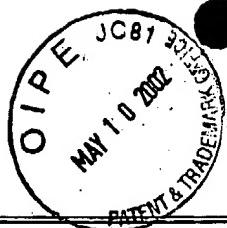
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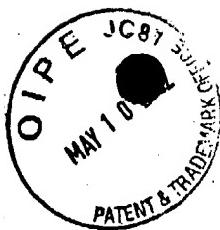
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JD	57	Ito, A. et al. (1990), "Synthetic Cationic Amphiphiles for Liposome-Mediated DNA Transfection," <i>Biochem. Internat.</i> <u>22</u> (2):235-241.
JD	58	Kalderon et al. (1984), "A Short Amino Acid Sequence Able to Specify Nuclear Location," <i>Cell</i> <u>39</u> :499-509.
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JD	62	Kirsch, T. et al. (1996), "Cloning, High-Yield Expression in <i>Escherichia coli</i> , and Purification of Biologically Active HIV-1 Tat Protein," <i>Protein Expr. Purif.</i> <u>8</u> :75-84.
JD	63	Klappe, K. et al. (1986), "Parameters Affecting Fusion Between Sendai Virus and Liposomes. Role of Viral Proteins, Liposome Composition, and pH," <i>Biochemistry</i> <u>25</u> :8252-8260.
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JD	67	Lanford et al. (1986), "Induction of Nuclear Transport with a Synthetic Peptide Homologous to the SV40 T Antigen Transport Signal," <i>Cell</i> <u>46</u> :575-582.

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<i>JD</i>	<i>b9</i>	Lapidot et al. (1990), "Fusion-Mediated Microinjection of Liposome-Enclosed DNA into Cultured Cells with the Aid of Influenza Virus Glycoproteins," <i>Exp Cell Res.</i> <u>189</u> :241-246
<i>JD</i>	<i>b9</i>	Lawler, J. et al. (1988), "Cell Attachment to Thrombospondin: The Role of ARG-GLY-ASP, Calcium, and Integrin Receptors," <i>J. Cell Biol.</i> <u>107</u> :2351-2361.
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<i>JD</i>	<i>71</i>	Liljstrom, P. and Garoff, H. (1991), "A New Generation of Animal Cell Expression Vectors Based on the Semliki Forest Virus Replicon," <i>Biotech.</i> <u>2</u> :1356-1361
<i>JD</i>	<i>72</i>	Mann, D.A. and Frankel, A.D. (1991), "Endocytosis and targeting of exogenous HIV-1 Tat protein," <i>EMBO J.</i> <u>10</u> (7):1733-1739
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<i>JD</i>	<i>74</i>	Mason, P.W. et al. (1994), "RGD sequence of foot-and-mouth disease virus is essential for infecting cells via the natural receptor but can be bypassed by an antibody-dependent enhancement pathway," <i>Proc. Natl. Acad. Sci. USA</i> <u>91</u> :1932-1936.
<i>JD</i>	<i>75</i>	Miyamoto, A. et al. (1998), "Partial Cell-Free Assembly of VSV-G Pseudotyped Retrovirus Particles," <i>Molecular and Cellular Biology of Gene Therapy Symposium, Keystone, Colorado, January 19-25, 1998, #007</i> , p. 34
<i>JD</i>	<i>76</i>	Murata et al. (1991), "Modification of the N-Terminus of Membrane Fusion-Active Peptides Blocks the Fusion Activity," <i>Biochem. Biophys. Res. Commun.</i> <u>179</u> (2):1050-1055
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<i>JD</i>	<i>78</i>	Otero, M.J. and Carrasco, L. (1987), "Proteins are Cointernalized with Virion Particles during Early Infection," <i>J. Virol.</i> <u>160</u> :75-80
<i>JD</i>	<i>79</i>	Pastan, I.H. and Willingham, M.C. (1981), "Journey to the Center of the Cell: Role of the Receptosome," <i>Science</i> <u>214</u> :504-509
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<i>JD</i>	82	Pierschbacher, M.D. and Ruoslahti, E. (1987), "Influence of Stereochemistry of the Sequence Arg-Gly-Asp-Xaa on Binding Specificity in Cell Adhesion," <i>J. Biol. Chem.</i> <u>262</u> (36):17294-17298.
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<i>JD</i>	85	Promega Catalog, p. 251
<i>JD</i>	86	Remy et al. (1995), "Targeted gene transfer into hepatoma cells with lipopolyamine-condensed DNA particles presenting galactose ligands: A stage toward artificial viruses," <i>Proc. Natl. Acad. Sci. USA</i> <u>92</u> :1744-1748
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<i>JD</i>	93	Scheule (1986), "Novel Preparation of Functional Sindbis Virosomes," <i>Biochemistry</i> <u>25</u> :4223-4232
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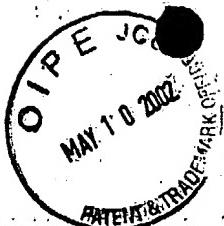
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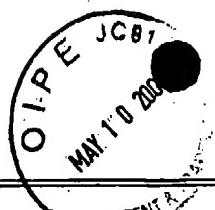
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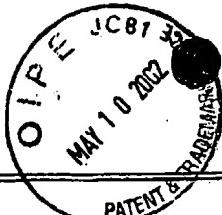
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GD		5,906,922	05/25/99	Whittaker et al.	435	69.1	
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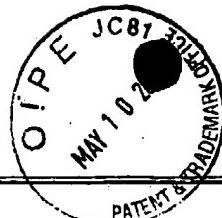
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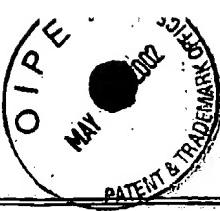
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